REMARKS

Favorable reconsideration of this application, in light of the following discussion and in view of the present amendment, is respectfully requested.

Claims 1-16 are pending in the present application. Claims 10-13 are amended and new claims 14-16 are added by the present amendment. It is believed no new matter is added.

I. Rejection under 35 USC 102

In the outstanding Office Action, claims 1-13 were rejected under 35 USC § 102(e) as unpatentable over U.S. patent number 6,151,708 to Pedrizetti. This rejection is respectfully traversed.

Pedrizetti discusses comparing software on a client computer with a set of updates on a server to determine whether updates should be sent from the server to the client (see the Abstract of Pedrizetti, lines 1-4). Further, Pedrizetti discusses at col. 3, lines 6-17 that a database on a server contains entries regarding updateable program modules, but does not teach or suggest a client having "a console function for said service processor," as in independent claims 1, 10 and new claim 15.

Claim 1 and new claim 15 recite a client performing "a maintenance service function" and having "a console function for said service processor," in which the client draws "said component information, said control information and said setting information through a browser." In addition, the client has "a maintenance service function." Further, claim 10 recites "extracting said component information, said control information and said setting information through a browser executed by the client."

In a non-limiting example, according to the present application, various component information such as manuals, specifications, design drawings and test programs, which are created during the manufacturing of a product, may be registered with a server over a network, or may be obtained from the server over the network. As an advantage, the information can be conveniently loaded and retrieved from the client, lowering labor costs and allowing up-to-date transfer of the component information (see the specification at page 4, line 15 to page 5, line 15).

Accordingly, it is respectfully submitted independent claims 1, 10 and 15 and each of the claims depending therefrom patentably distinguish over Pedrizetti.

7

II. New Claims 14-16

In addition, new claims 14-16 are added. New claim 14 recites "a loading module which loads a program to the client and which is automatically executed according to an instruction protocol scanned in at the client," support for which is found in the originally filed specification at least at page 8, lines 16-20 and at page 21, line 7 to page 22, line 12. It is respectfully submitted Pedrizetti does not discuss or suggest the features of claim 14.

New claim 15 further recites "the client sends a first set of the component information to the component information storage server, and receives a second set of the component information from the storage server," support for which is found in the originally filed specification at least at page 17, lines 20 to page 18, line 3 and page 20, line 20 to page 21, line 6.

New claim 15 is believed to be allowable at least because Pedrizetti only discusses one-way transfer of control information from a server to a client, but does not discuss or suggest sending component information to a server and receiving component information from the server, as in new claim 15.

Also, new claim 16 depends on new claim 15, and recites "the component information is created during a process of manufacturing a product," support for which is found in the originally filed specification at least at page 4, line 15 to page 5, line 15. Pedrizetti only discusses software updates, but does not discuss or suggest component information created during manufacturing a product, as in new claim 16.

III.   Amendments to Claims 10-13, the Abstract and FIG. 2

Further, claims 10-13, the Abstract and FIG. 2 are amended only to correct minor informalities and to better conform to standard patent practice. It is believed no new matter is added.

IV.   Status of the Drawings and Claim to Priority

It is also respectfully requested the status of the drawings submitted October 27, 2000, as well as the claim to priority and receipt of the certified copy of the priority document, be acknowledged in the next Office Communication.

V. Conclusion

Consequently, in light of the above discussion and in view of the present amendment, this application is believed to be in condition for allowance and an early and favorable action to that effect is respectfully requested.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: ___April 29, 2004___   By: ___Ryan Rafferty___
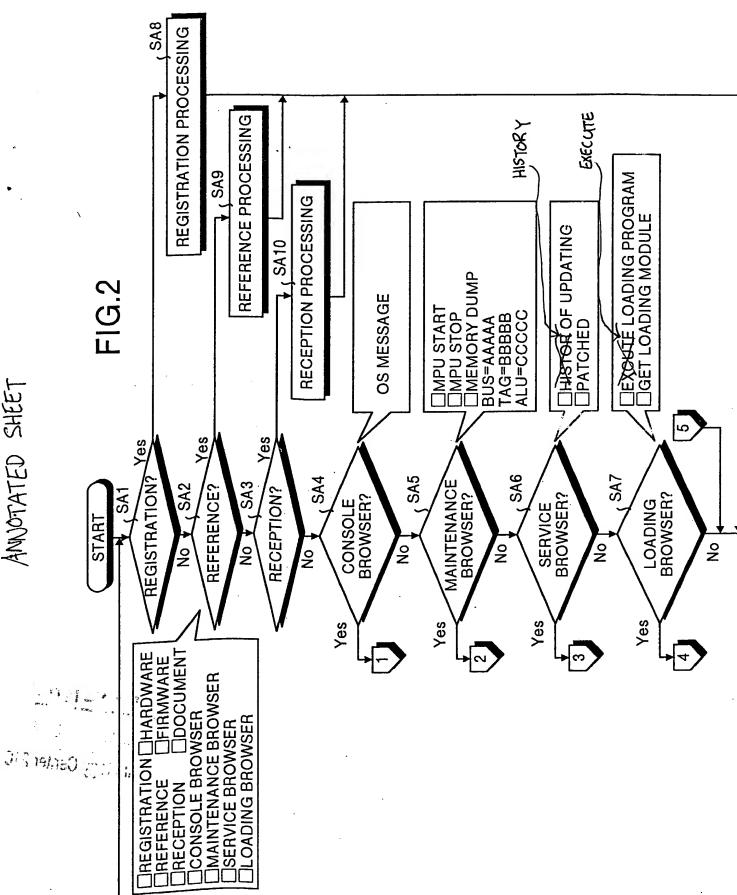   Ryan Rafferty
                                   Registration No. 55,556

1201 New York Avenue, NW, Suite 700
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501

ANNOTATED SHEET

FIG.2

START

SA1 REGISTRATION? — Yes → REGISTRATION PROCESSING (SA8)

No ↓

SA2 REFERENCE? — Yes → REFERENCE PROCESSING (SA9)

No ↓

SA3 RECEPTION? — Yes → RECEPTION PROCESSING (SA10)

No ↓

SA4 CONSOLE BROWSER? — Yes → 1

No ↓ OS MESSAGE

SA5 MAINTENANCE BROWSER? — Yes → 2

No ↓
☐MPU START
☐MPU STOP
☐MEMORY DUMP
BUS=AAAA
TAG=BBBBB
ALU=CCCCC

SA6 SERVICE BROWSER? — Yes → 3

No ↓
☐HISTORY OF UPDATING   HISTORY
☐PATCHED   EXECUTE

SA7 LOADING BROWSER? — Yes → 4

No → 5

☐EXECUTE LOADING PROGRAM
☐GET LOADING MODULE

☐REGISTRATION ☐HARDWARE
☐REFERENCE ☐FIRMWARE
☐RECEPTION ☐DOCUMENT
☐CONSOLE BROWSER
☐MAINTENANCE BROWSER
☐SERVICE BROWSER
☐LOADING BROWSER